

भारत का राजपत्र

The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 28th December 1996

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Calcutta-700 020.

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एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 28 दिसम्बर 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बांग्लादेश, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके पञ्चैतिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टोहरी स्टेट

तीसरा तल, लोअर परेल (पश्चिम),

मद्रास-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोवा राज्य क्षेत्र एवं संघ शासित क्षेत्र दमन तथा दीव एवं दादरा और नगर हवेली।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय शाखा,

एकक सं. 401 से 405, तीसरा तल,

नगरपालिका बाजार भवन,

मन्मथली मार्ग, कर्नाल बाग,

नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र धण्डीगढ़।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय शाखा,

61, बालासाह रोड,

मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप, मिनिकाम तथा एमिनिदिव द्वीप।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,

भवन. 5, 6 तथा 7वां तल,

234/4, आचार्य जगदीश बोस मार्ग,

कलकत्ता-700020।

भारत का अचरक्षेत्र।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, शिक्कण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय से नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

CORRIGENDUM

Under the heading "PATENT SEALED" in the Gazette of India, Part III, Section 2 dated 4th October, 1996 was notified on 02nd November, 1996 delete the Patent Application No. 176317 (77/CAL/92).

OPPOSITION PROCEEDINGS UNDER SECTION 25 CORRIGENDUM

Opposition proceedings in respect of Patent No. 175827 (625/CAL/92) which will be published in the Gazette of India, Part III, Section 2 on 9th November, 1996 is hereby cancelled. The opposition proceedings in respect of patent application No. 175827 (625/CAL/92) read as follows :

The application No. 175827 (625/CAL/92) against which opposition have been entered by M/S. PANDROL LIMITED AND M/S. RESEARCH DESIGNS & STANDARD ORGANISATION FOR grant of Patent to the said application has been withdrawn by the applicant as such there will be NO PATENT for application No. 175827 (625/CAL/92).

APPLICATION FOR PATENT FILLED AT THE HEAD OFFICE 234/4, Acharya Jagdish Bose Road, Calcutta-20.

The dates shown in the crecent bracket are the dated claimed under section 135, of the Patent Act, 1970.

11-09-1996

- | | |
|-------------|---|
| 1617/CAL/96 | Phillips Electronics N.V., "Transferring information via the lead-in area of an information carrier" |
| 1618/CAL/96 | Yaschenko Vladimir Grigorievich "The method of production of interior lining articles from gypsum containing materials, form for production of interior lining articles." |
| 1619/CI/96 | Bioestimulantes organicos, IDA, "A formulation and procedure to increase resistance of plants to pathogenic agents and environmental stress" (Convention No. 60/003, 749 on 14-09-95 in U.S.A.) |
| 1620/CAL/96 | I.M.A. Industria Machine automatche SPA, "Device for filling blister band with articles" (Convention No. B095A000451DT. on 27-09-95 in Italy) |

1621/Cal/96	Merck Patent Gesellschaft Mit Beschränkter Haftung, "Cyclic Adhesion Inhibitors" (Convention No. 19534177.5 on 15-09-95 in Germany)
1622/Cal/96	TEMIC BAYERN-CHEMIE AIRBAG GMBH, "Gas Generator" (Convention No. 19541583.3 on 8-11-95 in Germany)
1623/Cal/96	Windmoller & Holscher, "Doctor blade unit for the inking system of a rotary printing press" (Convention No. 19536268.3 on 28th September 1995 in Germany)
1624/Cal/96	Windmoller & Holscher, "Device for pulling open continuously cross-conveyed tube sections for the purpose of forming bottoms in the manufacture of sacks. (Convention No. 19540150.6 on 27-10-95 in Germany)
1625/Cal/96	(1) Vallourec Oil & Gas, (2) Sumitomo Metal Industries, "Threaded Joint for tubes" (Convention No. 08/538, 436 on 3-10-95 in U.S.A.) 12-09-1996
1626/Cal/96	Dr. Sitesh Chandra Ray, "Improvement in or relating to Briefs, Underwears or the like".
1627/Cal/96	Hoechst Celanese Corporation, "Removal of Carbonyl impurities from a carbonylation process stream"
1628/Cal/96	(1) Hisao ITO (2) Yoshitomi MURATA. "Magnetic rom card and method of writing signals on the magnetic rom card" (Convention No. 182592/1996 on 10th June, 1996 in Japan)
1629/Cal/96	Engelhard Corporation, "Catalyzed packing material for regenerative catalytic oxidation" (Convention No. 08/531, 845 on 21-09-95 in U.S.A.)
1630/Cal/96	Signal Global Communications Limited Partnership, "System and method for establishing a call telecommunications path" (Convention No. 08/659, 677 on 5-6-95 in U.S.A.)
1631/Cal/96	Pai Lung Machinery Mill Co., Ltd., "Fabric rolling-up device and control circuit assembly", 13-09-1996
1632/Cal/96	E C P Enichem Polimeri S.r.l. "Process for the preparation of a catalyst for the stereospecific polymerization of propylene"
1633/Cal/96	Shri Pinaki Chakraborty, "An endfire antenna assembly with mechanism of additive subreflection".
1634/Cal/96	Siemens Aktiengesellschaft, "Process and apparatus for removing hydrogen from a gas mixture." (Convention No. 19534095.7 on 14-09-95 in Germany)
1635/Cal/96	Matsushita Electric Industrial Co. Ltd., "Washing Machine" (Convention No. 8-121292 on 16-5-96 on Japan)
1636/Cal/96	Matsushita Electric Industrial Co. Ltd., "Washing Machine" (Convention No. 8-121293 on 16-5-96 in Japan)
1637/Cal/96	Brooke Bond Lipton India Limited, "Surface-Active Composition".
1638/Cal/96	Daikin Industries, Ltd., "Filler containing polytetrafluoroethylene granular powder and preparation process of same" (Convention No. 264818/1995 on 18.9.95 in Japan).

APPLICATIONS FOR PATENTS FILED AT
THE PATENT OFFICE BRANCH
61, Wallajah Road, Madras-600 002.

3rd June, 1996

941/MAS/96	V.V. Thanga Thiruppathy. Safe fearless inland canal speed boating cum waterskating with safety devices for the skating people.
942/MAS/96	Prof. O.S. Reddy. mutant bacterium streptococcus that produces hyaluronic acid.
943/MAS/96	Govardhan Sathiyarayanan. Guru Submersible pumpset.
944/MAS/96	SMS Schloemann-Siemag Aktiengesellschaft. Driver for rolled strip. (June 9, 1995; Germany).
945/MAS/96	Henkel Corporation. The use of C ₁₆ C ₁₈ alkylpolyglycosides AS defoamers in cleaning compositions. (June 1, 1995; United States).
946/MAS/96	Novo Nordisk A/S. AL/FE-treatment of protein solution followed by membrane concentration. (June 2, 1995; Denmark).
947/MAS/96	Joshua David Silver. An optical apparatus and method. (June 1, 1995; Great Britain).
948/MAS/96	Novus International Inc.. Continuous hydrolysis process for preparing 2-hydroxy-4-methylthiobutanoic acid or salts thereof.
949/MAS/96	Upscale Technologies Inc. Method and apparatus for removing nitrates from water. (June 1, 1995; United States).
950/MAS/96	Philip Morris Products Inc. Protective and cigarette ejection system for an electrical lighter. (June 7, 1995; U.S.A.).
951/MAS/96	Kimberly-Clark Corporation. Creped and/or apertured webs and a process for producing the same (June 5, 1995; U.S.A.)
952/MAS/96	AST Research, Inc.. Glitch free clock enable circuit. (June 7, 1995; U.S.A.)
953/MAS/96	AST Research Inc.. Method and apparatus for testing a megacell in an asic using JTAG. (June 7, 1995; U.S.A.)
954/MAS/96	BASF Aktiengesellschaft. Novel compounds the preparation and use thereof.
955/MAS/96	BASF Aktiengesellschaft. Novel compounds, the preparation and use thereof.

4th June, 1996

956/MAS/96	Jose K. Varkey. An emergency light.
957/MAS/96	Tropical Botanic Garden & Research Institute. Preparation of an antidiabetic herbal drug from the plants trichopus zeylanicus, withania somnifera and piper longum.
958/MAS/96	Tropical Botanic Garden & Research Institute. A process for preparation of "Vaji" herbal sports medicine from the plants trichopus zeylanicus ssp. travancoricus.
959/MAS/96	Tropical Botanic Garden & Research Institute. A process for preparation of "Jeevani", a novel immunoenhancing, antifatigue, antistress and hepatoprotective herbal drug from the plants trichopus zeylanicus ssp. travancoricus, withania somnifera, piper longum and evolvulus alsinoides.

- 960/MAS/96 Tropical Botanic Garden & Research Institute. A process for preparing a drug composition for alleviating symptoms of psoriasis and dandruff.
- 961/MAS/96 The Dow Chemical Company. Aqueous dispersions of olefin copolymers. (June 5, 1995; United States).
- 962/MAS/96 Acushnet Company. Golf shoe having spike socket spine system. (June 5, 1995; United States).
- 963/MAS/96 Bjankers Truost Company. Multi-step digital signature method and apparatus. (June 6, 1995; U.S.A.)
- 5th June, 1996.
- 964/MAS/96 Tri-Point Medical Corporation. Impregnated applicator tip.
- 965/MAS/96 BIC Corporation. Lighter with looped guard. (June 7, 1995; U.S.A.).
- 966/MAS/96 Philip Morris Products Inc.. Cigarette and method of manufacturing cigarette for electrical smoking system. (June 7, 1995; USA.).
- 967/MAS/96 Kimberly-Clark Corporation. Apparatus for measuring the crush recovery of an absorbent article and the article itself. (June 7, 1995; United States)
- 968/MAS/96 NEC Corporation. Composite molded product and method of manufacturing the same. (June 6, 1995; Japan)
- 969/MAS/96 NEC Corporation. Radio selective call receiver with message display capability. (June 6, 1995, Japan)
- 970/MAS/96 Medical Technologies, Inc.. Fastener and fastening method, particularly for fastening sutures to bone. (June 6, 1995, United States)
- 971/MAS/96 Li Medical Technologies, Inc. Retractable fixation device. (June 5, 1995, United States)
- 972/MAS/96 Li Medical Technologies, Inc. Method and apparatus for securing ligaments. (June 5, 1995, United States)
- 973/MAS/96 A Ahlstrom Corporation. Method and apparatus for treating pulp.
- 974/MAS/96 Novo Nordisk A/S. An enzyme with exochitinase activity.
- 975/MAS/96 Vesuvius Crucible Company Probe system for reliably monitoring a condition in a metallurgical process.
- 976/MAS/96 Daewoo Electronics Co. Ltd.. Method and apparatus for decoding variable length code.
- 977/MAS/96 Cargill Incorporated. Improved process for recovering xanthophylls from corn gluten. (June 7, 1995, U.S.A.).
- 978/MAS/96 Air Products and Chemicals, Inc.. Absorbents for zone recovery from gas mixtures. (October 6, 1995, U.S.A.)
- 979/MAS/96 Genentech Inc.. Mammalian cell cultural process. (June 9, 1995, U.S.).
- 6th June, 1996.
- 980/MAS/96 Linde Aktiengesellschaft. Annular periphery-sealing means for a mass-exchange column filled with a structured packing. (June 7, 1995, Germany).
- 981/MAS/96 Vermont American Corporation. Masonry drill bit and method of inserting. (June 7, 1995; United States).
- 982/MAS/96 Mitsubishi Cable Industries, Ltd.. Insulating material for coaxial cable, coaxial cable, and method for producing coaxial cable.
- 983/MAS/96 Novus International, Inc. A nutrient formulation and process for enhancing the health, viability, cumulative weight gain or feed efficiency in poultry and other animals.
- 984/MAS/96 Advanced Refractory Technologies Inc.. Diamond-like nanocomposite corrosion resistant coating. (June 7, 1995; United States).
- 985/MAS/96 Advanced Refractory Technologies, Inc.. Erosion resistant diamond-like nanocomposite coatings for optical components. (June 7, 1995, United States).
- 986/MAS/96 Owens-Illinois Closure Inc.. method and apparatus for compression molding plastic articles.
- 987/MAS/96 Norddeutsche Seekabelwerke GmbH. Tower packing block and method of a manufacturing the same. (June 7, 1995, Germany)
- 988/MAS/96 NEBL, Inc. Female urinary incontinence device. (June 7, 1995, U.S.A.)
- 7th June, 1996.
- 989/MAS/96 ABB Daimler Benz Transportation. Vehicle control system. (June 24, 1996, Germany)
- 990/MAS/96 AST Research Inc.. Method and apparatus for reducing cumulative time delay in synchronizing transfer of buffered data between two mutually asynchronous buses. (June 7, 1995, United States)
- 991/MAS/96 BASF Aktiengesellschaft. Terpenes for reducing the pheromone action on lepidoptera.
- 992/MAS/96 Solaic. An integrated circuits card. (June 9, 1995, France)
- 993/MAS/96 Solaic. A chip for an electronic card coated with a layer of insulating materials and an electronic card including such a chip. (June 12, 1995, France)
- 994/MAS/96 Solaic. An electronic component including a switch that is movable in translation. (June 14, 1995, France)
- 995/MAS/96 Kimberly Clark Tissue Company. High water absorbent double-recycled fibrous webs. (June 7, 1995, U.S.)
- 996/MAS/96 Advanced Refractory Technologies, Inc.. Electrically turnable coatings. (June 7, 1995, U.S.A.)

- 997/MAS/96 Mannesmann Aktiengesellschaft. Device for sealing between movable assembly parts. (June 9, 1995, Germany)
- 998/MAS/96 Mannesmann Aktiengesellschaft. Device for sealing between movable assembly parts. (June 9, 1995, Germany)
- 999/MAS/96 Sollac. Process and plant for cold rolling with compensation for ovalization of the rolling rolls. (June 8, 1995, France)
- 1000/MAS/96 Henkel Kommanditgesellschaft auf Aktien. Filter. (June 8, 1995, Germany)
- 1001/MAS/96 Kimberly-Clark Tissue Company. Improved recycled absorbent paper product and method for making. (June 7, 1995, U.S.A.)
- 1002/MAS/96 Mogen International nv. Regulatory DNA sequences.
- 1003/MAS/96 Quiclav, L. L. C. Method and system for simultaneous sterilization of multiple medic instruments. (June 7, 1995, United States)
- 1004/MAS/96 The Clorox Company. Nalkyl ammonium acetone/bleach acitvators

ALTERATION OF DATE UNDER SECTION-16.

177303

Patent No. 598/Mas/92 Ante-dated to 20th January, 1989.

177304

Patent No. 255/Mas/93 Ante-dated to 22nd Feb., 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period, not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be as ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकस्य को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किया जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियाँ यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियाँ की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र व्यवहार द्वारा मूनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों के जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Class—63-A₂, A₃, B & H

177301

Int. Cl. 4—H 02 K 21/08, 21/12

A SYNCHRONOUS ELECTRIC MACHINE

Applicant & Inventor: KAZUO NAKANO. OF 1-8-19 MISHUKU, SETAGAYA-KU, TOKYO, JAPAN OF JAPANESE NATIONALITY.

Application No. 475/MAS/90 filed June 15, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

3 Claims

A synchronous electric machine comprising an armature structure and a field structure rotatably mounted to rotate around an axis of rotation relative to said armature structure, said armature structure having a plurality of salient poles located circularly around said axis of rotation and having a plurality of windings wound on said salient poles respectively, said windings being connected to each other to form an armature windings connection, said field structure having a plurality of permanent magnets with magnetic poles arranged circularly around said axis of rotation facing said salient poles of said armature structure, said permanent magnets are disposed with their boundaries skewed relative to said axis of rotation, wherein the number (n) of said salient poles of said armature structure being one more than the number (n-1) of said permanent magnets, said permanent magnets are magnetized for forming

north and south poles at each of its circumferentially opposite ends, and the respective two poles opposite in polarity to each other of every two adjacent permanent magnets are disposed circumferentially adjacent to each other with a gap therebetween and to face said salient poles of said armature structure with a gap therebetween.

Agents : M/s. DePenning & DePenning

(Com.—13 pages Drwgs.—5 sheets)

Ind. Class —128—A

177302

Int. Cl.4—A 41B 13/02

A DISPOSABLE GARMENT

Applicant ; MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, OF 3M CENTER, ST. PAUL, MINNESOTA 55144, U.S.A.

Inventor : SUSAN KAY NESTEGARD, U.S.A.

Application No. 586/Mas/92 filed September 21, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A disposable garment such as a diaper comprising a laminate for applying around a portion of an individual, and hook and loop fastener means for fastening together portions of said laminate to secure said garment to the individual, said fastener means having at least one unitary hook fastener portion of a resiliently flexible polymeric resin comprising a base having parallel upper and lower surfaces, and at least 45 spaced hook members per square centimeter projecting at right angle from the upper surface of said base, said hook members having a height from said upper surface of less than 1.5 millimeter and each comprising a stem portion attached at one end to said base, and a head portion at the end of said stem portion opposite said base, which head portion has a rounded surface opposite said stem portion, said stem and head portions having the same thickness of less than 0.046 centimeter in a first direction parallel to the surfaces of said backing, said stem portion having a width in the range of 0.018 to 0.03 centimeter in a second direction at right angle to said first direction and parallel to the surfaces of said backing, and said head portion having a width at least 0.007 centimeter greater than said stem portion and a total width of less than about 0.1 centimeter in said second direction, the total cross sectional area of said head portions in a plane parallel to said upper surface being less than 32 percent of the area of said upper surface.

Agents : M/s. DePenning & DePenning

(Com.—24 pages, Drwgs.—2 sheets)

Ind. Class—12-C

177303

Int. Cl.4—C 21 D 9/52

AN INSTALLATION FOR MANUFACTURING HEAT TREATED CARBON STEEL WIRE

Applicant ; COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN MICHELIN & CIE, A FRENCH COMPANY, OF 4 RUE DU TERRAIL, 63000 CLERMONT-FERRAND FRANCE.

Inventors ; (1) ANDRE REINICHE
(2) PHILIPPE SAUVAGE

Application No. 598/Mas/92 filed September 25, 1992.

Divisional to Patent Application No. 53/Mas/89, Antedated to 20th Jan., 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

2 Claims

An installation for manufacturing heat treated carbon steel wire comprising at least one apparatus for manufacturing carbon steel wire having fine pearlitic structure means for bringing the wire to a temperature above the Ac3 transformation temperature before pearlitization and means for cooling the wire after pearlitization, the said apparatus for manufacturing carbon steel wire having fine pearlitic structure comprising pearlitization means having one tube, moving means for moving the wire through the tube, a gas contained in the said tube which is practically without forced ventilation and a heat-exchange fluid surrounding the tube to transfer the heat from the wire through the gas and through the tube to the heat exchange fluid, wherein the inside diameter of the tube (D_t) expressed in mm, the diameter of the wire (D_f) expressed in mm which is not greater than 6 mm and the conductivity of the gas (λ) at 600° C expressed in Watts. $M^{-1} K^{-1}$ are selected to satisfy the relation

$$1.05 \leq R \leq 15$$

$$5 \leq K \leq 10$$

in which R is $\frac{D_t}{D_f}$

and K is $\left[\left(\frac{D_t}{D_f} \right) \right] \times D_f^{2/\lambda}$

(Com.—34 pages, Drwgs.—6 sheets)

Ind. Class—32-C

177304

Int. Cl.4—C 07 K 7/00

ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS, MALLESWARAM, BANGALORE—560 003, KARNATAKA STATE, INDIA

Inventor : (1) Dr. CHINNASWAMY JAGANNATH
(2) Dr. MEENAKSHI BALGANESH
(3) Dr. BACHALLY RAMASASTRY SRINIVASA

Application No. 255/Mas/93 filed April 12, 1993.

Divisional to Patent Application No. 938/Mas/89, Antedated to December 22, 1989.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A process for the preparation of a mixture of novel peptides of the structure given below :—

SEFAYGSFVR

RATYDKRYEVR

AELPGVDPDCDVICIR

by culturing *Ming Mycobacterium Tuberculosis* by any known method to obtain a novel protein of the formula shown in Fig. 5, separating the protein so obtained by a known method such as herein described, digesting the protein with TPCK treated trypsin with an enzyme in the presence of a known buffer such as ammonium bicarbonate pH 7.8 at 37° C for 5 hours, and separating the peptides by a known method such as described.

(Com.—25 pages

Drwgs.—5 sheets)

Ind. Class—32-C

177305

Int. Cl. 4—C 07 H 21/00

A PROCESS FOR PREPARING A NOVEL LABELLED HYBRIDIZATION PROBE

Applicant ; ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS, MALLESWARAM, BANGALORE-560 003 KARNATAKA STATE

Application No. 284/MAS/93 filed April 27, 1993.

Divisional to Patent Application No. 230/MAS/90, Antedated to 30th March, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A process for preparing a novel, hybridization probe comprising novel single stranded 63 mer oligonucleotide (63) having the sequence given below :—

AGGTCTTAACATGACTAACTAAGGTCTTAAGTAACTAACTAAGGTCTTACTTTAACTAACT

by known methods per se and labelling the probe so obtained by a group capable of Colourimetric detection.

(Com.—21 pages

Drwgs.—2 sheets)

Ind. Class—32-F 1

177306

Int. Cl. 4—C 07 D 209/00

PROCESS FOR THE PREPARATION OF 5-CHLOROINDOLE

Applicant : LONZA LTD., A SWISS COMPANY OF GAMPEL/VALAIS, SWITZERLAND.

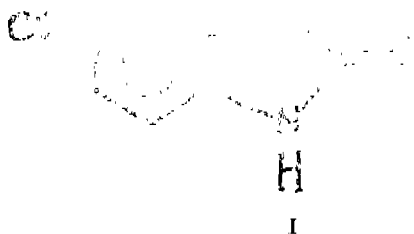
Inventors : (1) RENE IMWINKELRIED
(2) FELIX PREVIDOLI

Application No. 297/MAS/93 filed May 3, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

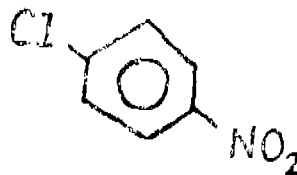
11 Claims

A process for the preparation of 5-chloroindole of formula I ;



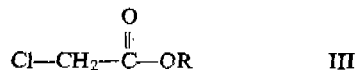
comprising the steps of ;

(1) reacting I, 4-chloronitrobenzene of formula II ;



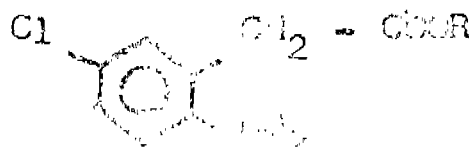
II

with a chloroethanoic acid alkyl ester of general formula III ;



III

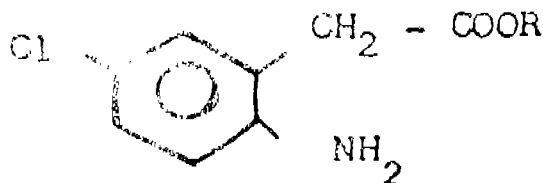
in which R denotes a branched or unbranched alkyl group of 1-7 carbon atoms in the presence of a base such as herein described to obtain a 2-nitro, 5-chlorophenyl-ethanoic acid alkyl ester of general formula IV ;



IV

in which R has the aforementioned meaning ;

(2) catalytically hydrogenating said 2-nitro, 5-chlorophenyl-ethanoic acid alkyl ester of general formula IV to form a corresponding 2-amino, 5-chlorophenyl-ethanoic acid alkyl ester of general formula V ;



V

in which R has the aforementioned meaning ; and

(3) cyclising said 2-amino, 5-chlorophenyl-ethanoic acid alkyl ester of general formula V, in the presence of an acid such as herein described, into the 5-chloroindole of formula I.

(Com.—17 pages)

Ind. Class—32-C

177307

Int. Cl⁴—C 07 K 7/00

A PROCESS FOR PREPARING NOVEL PEPTIDES

Applicant; BASF AKTIENGESELLSCHAFT. A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY OF 6700 LUDWIGSHAFEN FEDERAL REPUBLIC OF GERMANY.

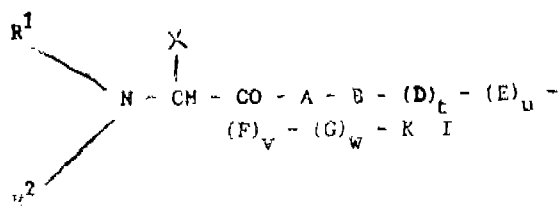
Inventors; (1) ANDREAS HAUPT
(2) FRANZ EMLING
(3) CYNTHIA ROMERDAHL

Application No. 318/MAS/93 filed May 11, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A process for preparing novel peptides of the formula I,



where

R¹

is alkoxy; alkyl; cycloalkyl; alkylsulfonyl; fluoroalkyl; trifluoroacetyl; amidino; ureyl; piperidinosulfonyl; morpholinosulfonyl; benzyloxycarbonyl; alkylloxycarbonyl; aminosulfonyl which may be substituted by alkyl; hydroxy; arylsulfonyl which may be substituted by one or more substituents independently selected from alkyl, -N(CH₃)₂, nitro, halogen and CF₃; benzyl which may be substituted by up to three substituents independently selected from alkyl, alkoxy, nitro, halogen and CF₃; or NR³R⁴ where R³ and R⁴ may each be either hydrogen or alkyl;

R₂

is hydrogen; alkyl; fluoroalkyl; cycloalkyl; acyl; benzoyl or benzyl which may both be substituted by up to three substituents independently selected from nitro, halogen, CF₃, alkyl and alkoxy.

R¹-N-R₂

together may be phthalimido, a 5- or 6-membered heterocycle which may be unsubstituted or substituted with one or more substituents independently selected from phenyl, benzyl, alkyl, N(CH₃)₂, nitro, thienyl, CONH₂ and COOEt

A

is a valyl, isoleucyl, leucyl, allo-isoleucyl, ϵ -aminoisobutanoyl, 3-tert-butylalanyl, 2-tert-butylglycyl, 3-cyclohexylalanyl, 2, 4-diaminobutanoyl, ornithyl, lysyl, 2-ethylglycyl, 2-cyclohexylglycyl, norleucyl, norvalyl or arginyl residue;

B

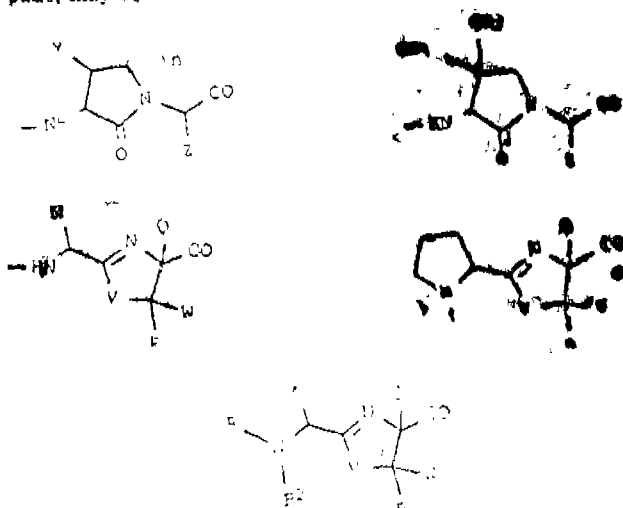
is a N-alkyl-valyl, -norvalyl, -leucyl, -isoleucyl, 2-tert-butylglycyl, 3-tert-butylalanyl, 3-cyclohexylglycyl, -phenylalanyl, or -2-cyclohexylglycyl residue;

D, E, F and G

are independently selected from the group consisting of prolyl, homo-prolyl, hydroxyprolyl, thiazolidinyl-4-carbonyl, 1-amino

pentyl-1-carbonyl, valyl, 2-tert-butylglycyl, isoleucyl, leucyl, 3-cyclohexylalanyl, phenylalanyl, N-methylphenylalanyl, tetrahydroisoquinolyl-2-carbonyl, 3-thiazolylalanyl, 3-thienylalanyl, histidyl, aminoisobutyl-1-carbonyl, 2,4-diaminobutanoyl, arginyl, 3-pyridylalanyl, 3-tert-butylalanyl, 2-cyclohexylglycyl, lysyl, norvalyl, norleucyl and 3-naphthylalanyl residues is hydrogen, alkyl, cycloalkyl, -CH₂-cyclohexyl or arylalkyl

A and B together, F and G together, R¹R₂-N-CHX-CO and A together, E and F together, either alone or in pairs, may be



where

Y is hydrogen or lower alkyl; Z is hydrogen or lower alkyl; n is 1, 2, or 3; V is oxygen or sulfur; M is hydrogen, lower alkyl, arylalkyl, cyclohexyl, or -CH₂-cyclohexyl; Q is hydrogen; R is hydrogen or lower alkyl; or R and Q may together form a bond; U is hydrogen, lower alkyl, phenyl, or cycloalkyl; and W is hydrogen, lower alkyl or phenyl; t, u, v, and w are independently 0 or 1; and

K

hydroxy, alkoxy, phenoxy, benzyloxy, or a substituted or unsubstituted aminomethyl moiety;

Provided that where t, u, v and w are 0, K is not a hydroxy, alkoxy, benzyl or phenoxy moiety; and further provided that where t, u and v are 0, K is not a hydroxy or alkoxy moiety; and the salts thereof with physiologically tolerated acids, comprising the steps of sequentially assembling in a known manner the respective amino acids, starting at the C-terminus, extending the chain stepwise by one amino acid at a time to obtain the peptides of the formula I.

(Cont. — 135 pages; Drawgs. — 2 sheets)

Ind. Class—32-F₂(b)

177308

Int. Cl⁴—C 07 D 473/00

PROCESS FOR PREPARING 3, 7-DIALKYLXANTHINES FROM 3-ALKYLXANTHINES

Applicant; HOECHST AKTIENGESELLSCHAFT. A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF D-65930 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

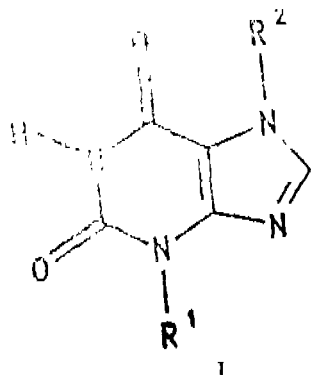
Inventors; (1) GERHARD KORB
(2) HANS-WOLFRAM FLEMMING

Application No. 336/Mas/93 filed May 18, 1993.

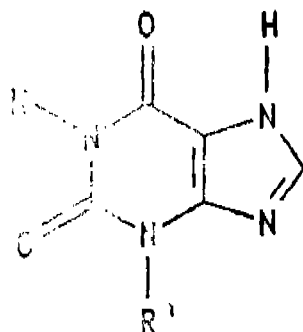
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

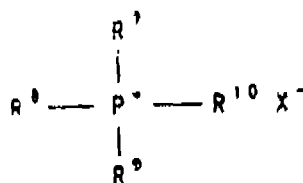
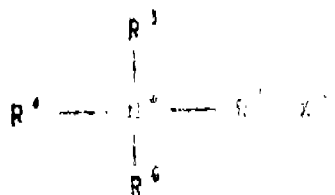
A process for preparing 3, 7-dialkyl- xanthines of the formula I



wherein R¹ and R¹, independently of each other, are (C₁-C₆) alkyl, which may be straight-chain or branched, comprising the steps of reacting a 3-alkylxanthine of the formula II,



in which R¹ is (C₁-C₆) alkyl, which may be straight-chain or branched in an aqueous phase with a basic agent, such as hereindescribed, to produce its salt: reacting the said salt in a two-phase mixture with an alkylating agent having 1 to 6 carbon atoms in the presence of at least one compound selected from quaternary ammonium or phosphonium compound of the formula III or IV and mixtures thereof.



(III)

(IV)

in which R^3 to R^{10} are identical or different and, independently of each other, are

(a) (C₁-C₂₀)-alkyl, which may be straight-chain or branched.

2-337GI/96

(b) Benzyl or

(c) Phenyl and

X is an anion, and in the presence of a linear polyether of the formula V.



in which R¹¹ and R¹² are identical or different and, independently of each other, are (C⁶-C₉)-alkyl, Y is a radical from the group.

(a) $-\text{CH}-\text{CH}_2-\text{O}-$ or

(b) $-\text{CH}-\text{CH}_2-\text{CH}_2-\text{O}-$

and n is an integer from 1 to 8.

177339

Com. -20 pages)

Ind. Class—55-E₄

Int, Cl4—A 61 K 35/78

A PROCESS FOR PREPARING A PHARMACOLOGICALLY ACTIVE SUBSTANCE IN THE POWDER FORM CONTAINING APIUM GRAVELEONS EXTRACT

Applicant & Inventor ; SESHADRI SOUN-
DARA RAJAN. AN INDIAN CITIZEN OF NO,
19. ASHOK NAGAR. COIMBATORE-641 001.
TAMIL NADU.

Application No, 349/MAS/93 filed May 20, 1993.

Appropriate Office for Opposition Proceedings
(Rule 4, Patents Rules, 1972). Patent Office, Madras
Branch.

3 Claims

A process for Preparing a pharmacologically active substance in powder form containing apium graveleons extract comprising the steps of extracting from ground dried parts of plants and/or seeds of apium graveleons (celery) by solvent extraction using organic solvents such as her, in described, vacuum drying the extract at a temperature of 28°C to 65°C and pressure of 300 to 750 mm of mercury and admixing with biologically acceptable fillers such as starch, dextrose, dicalcium phosphate, magnesium trisilicate to obtain pharmacologically active substance containing apium graveleons extract in powder form.

(Com,—6 pages)

Ind. Class—32-F₂ (b)

177310

Int, C14—C 07 D 471/00

A PROCESS FOR PREPARING NOVEL SUBSTITUTED CYCLOBUT-3-ENE-1,2-DIONES

Applicant : THE BOOTS COMPANY PLC,
A BRITISH COMPANY OF 1, THANE ROAD
WEST, NOTTINGHAM, NG2 3AA, NOTTS,
ENGLAND, UNITED KINGDOM.

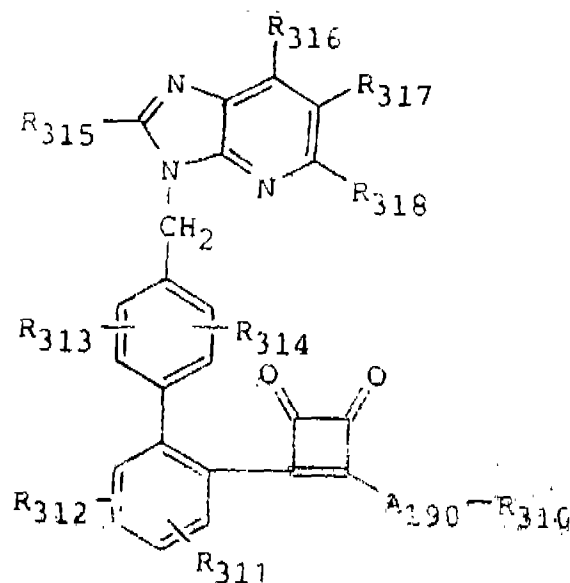
Inventors : (1) ALAN MARTIN BIRCH
(2) ROBERT WILLIAM STEELE
(3) BARBARA WINIFRED HIT-
CHIN
(4) JOHN PAUL WATTS

Application No, 461/MAS/93 filed July 7, 1993.
Convention date : July 10, 1992: (No, 9214690. 1;
United Kingdom)

Appropriate Office for Opposition Proceedings
(Rule 4, Patents Rules, 1972), Patent Office, Madras
Branch.

3 Claims

A Process for preparing novel substituted cyclo-
but-3-ene-1,2-diones of formula II



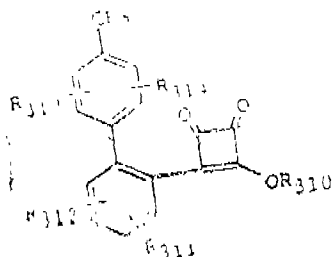
II

wherein R₃₁₀ is hydrogen or C1-4 alkyl ;
A₁₉₀ is oxygen;

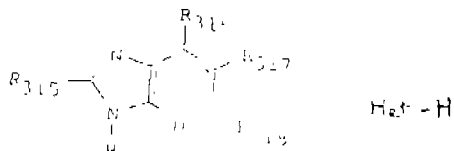
R₃₁₁, R₃₁₂, R₃₁₃ and R₃₁₄ are each independently hydrogen, fluoro, chloro, bromo, C₁₋₄ alkyl, C₁₄ alkoxy, nitro, cyano, carboxy, C₂₋₄ alkoxy carbonyl, C₁₋₄ alkylthio, C₁₋₄ alkylsulphanyl, C₁₋₄ alkylsulphonyl, phenyl (optionally substituted by C₁₋₄ alkyl, C₁₋₄ alkoxy, fluoro, chloro or bromo, C₁₋₄ alkylsulphonylamino or C₁₋₆ alkylamino-phenyl); R₃₁₅ is hydrogen or C₁₋₄ alkyl, and R₃₁₆, R₃₁₇ and R₃₁₈ are each independently hydrogen, C₁₋₄ alkyl, nitro, fluoro, chloro, bromo, cyano, formyl or a group of the formula -SO_gR₃₂₀, -SO₂NR₃₂₁R₃₂₂ or -COR₃₂₃ (wherein R₃₂₀, R₃₂₁, R₃₂₂ are each independently hydrogen or C₁₋₄ alkyl, g is 1 or 2 and R₃₂₃ is C₁₋₄ or a group of the formula -OR₃₂₄ or -NR₃₂₅R₃₂₆ wherein R₃₂₄, R₃₂₅, R₃₂₆ are each independently hydrogen or C₁₋₄ alkyl;

or a pharmaceutically acceptable salt thereof;

by reacting a compound of formula LXX



wherein L is a leaving group; with a compound of formula Het-H



in a solvent inert to the conditions of the reaction, such as dimethylformamide, optionally in the presence of a base and if desired Preparing pharmaceutically acceptable salts in a known manner.

(Com.--53 pages)

Ind.CL ; 140 A2 177311

Int, CL4 ; C 10 M 129/00

A COMPOSITION FOR USE AS A LUBRICATING OIL ADDITIVE"

APPLICANT ; The Lubrizol Corporation of 29400 Lakeland Boulevard, Wickliffe, Ohio 44092, United States of America,

INVENTOR : James Jay Schwind

Application for patent No. 1159/Del./88 filed on 27th December, 1988

Appropriate office for opposition proceedings (Rule 4, patents Rules, 1972) Patent Office Branch, New-Delhi-110 005

19 CLAIMS

A composition for use as an lubricating oil additive comprising ;

- (A) a partial fatty acid ester of a polyhydric alcohol and
- (B) a prepared cosulfurized reaction product of at least one olefin of the kind such as herein described and one or more fatty acid compound such as herein described, the weight ratio of said component (A) to said component (B) being between 0.05 to 10 and 5 to 0.1.

COMPLETE SPECIFICATION : 41 PAGES. DRAWING SHEET : nil.

Ind, CL ; 51 D [LXVI (2)]

177312

Int, CL4 ; A 45 D 27/00.

RAZOR BLADE HEAD,

Applicant (s) ; THE GILLETTE COMPANY, a Corporation organised under the laws of the State of Delaware, United States of America, of Presidential Tower Building, Boston, State of Massachusetts, United States of America

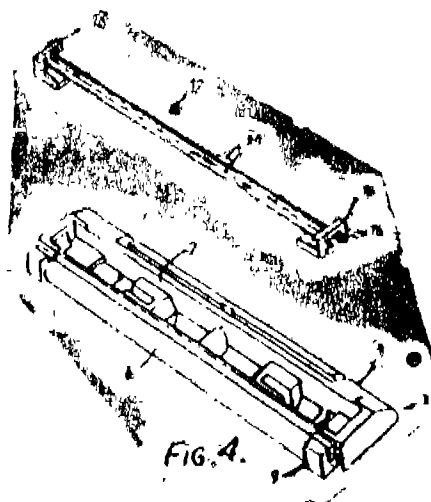
Inventor : JOHN FREDERICK FRANKS.

Application for patent No. 350 DEL 88 filed on 22 Apr 1988. Convention date 08-05-1987/ 8710963/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110 005

(4 CLAIMS)

A razor blade head including a main body having an open frame (2, 4, 6, 9) formed therein to receive and locate a blade unit (12) that lies across said open frame (2, 4, 6, 9), and a guard member (6) which is resilient and displaceable in reaction to forces encountered during shaving, wherein the main body and guard member (6) are formed as a unitary plastics molding in which the guard member (6) is connected to the main body by fingers (7) that are resilient and by hinges (11) that extend from said fingers (7) so that together said fingers (7) and hinges (11) permitting the guard member (6) to be displaced relative to the main body from an original position as molded, in reaction to forces encountered during shaving, into engagement with guide brackets (9) on the main body, said guide brackets (9) permitting displacement of the guard member (6) against the force exerted on the guard member (6) by the resiliency of the fingers (7).



(Complete Specification 7 Sheets. Drawings 2 sheet

Ind. Cl : 29C

177313

Int. Cl⁴ : G 06 F 7/00**"APPARATUS FOR BUFFERING AND PARITY CHECKING DIGITAL DATA"**

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION of Armonk New York 10504, U.S.A. (A USA Corporation).

Inventor : PATRICK MAURICE BLAND, MARK EDWARD DEAN, GENE JOSEPH GAUDENZI, KEVIN GERRARD KRAMER AND SUSAN LYNN TEMPEST.

Application for Patent No. 628/DEL/89 filed on 13th July, 1989.

Conventional date : 23-11-88 8827407.1 U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 CLAIMS

Apparatus for buffering and parity checking digital data communicated between first and second data buses, comprising : a plurality of bidirectional bit buffer circuits connected in parallel between first and second data lines on the data buses, each of said bidirectional bit buffer circuits comprising : a first data path comprising a receiver having an input connected to said first data bus and an output connected to a circuit node, latch means having a common input/output connected to said circuit node for selectively holding data bit at said circuit node, and a driver having an input connected to said circuit node and an output connected to said second data bus; a second data path comprising a receiver having an input connected to said second data bus and an output connected to a circuit node, latch means having a common input/output connected to said circuit node for selectively holding data bit at said circuit node, and a driver having an input connected to said circuit node and an output connected to said first data bus; means for controlling said drivers to selectively place the output of said drivers in an active driving state or a high impedance state, and means for controlling each of said latch means to selectively hold data bit at the corresponding circuit node or to permit the output of the receiver to vary the data at the corresponding circuit node; and parity generating means connected to said circuit node of the first data path in each of said bidirectional bit buffer circuits for generating a parity bit responsive to the data bits at the circuit nodes of the first data paths.

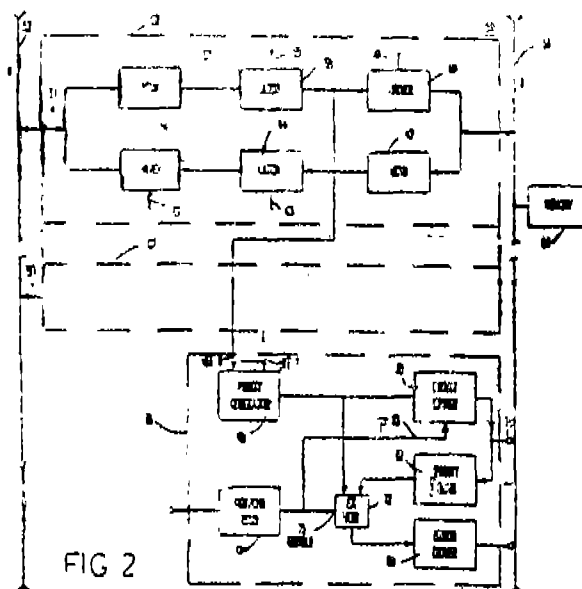


FIG 2

Complete Specification 11 Pages Drawgs. 4 sheets)

Ind. Cl : 184 XX VIII (5)

177314

Int. Cl⁴ : B 65 D 1/00.**A FUEL TANK FOR THE STORAGE OF AGGRESSIVE LIQUIDS.**

Applicant : HANSDIETER BRHUN, a German citizen of Pellowormer & Strasse 51, D-2800 Bremen, Federal Republic of Germany.

Inventor : HANSDIETER BRHUN.

Application for Patent No. 739/DEL/89 filed on 21-8-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rule 1972). Patent Office Branch, Karol Bagh, Delhi-110005.

Claims 6

A fuel tank for the storage of aggressive liquids especially liquid fuels for operating propulsion engines of satellites, which comprises:

a hollow tank body (10);

connector means (14, 15) for filling said tank body (10) with fuel and for removing fuel therefrom,

a collecting device (12) provided within said tank body (10),

guide vanes (13) provided within said tank body and secured to the inner surface thereof;

said connector means cooperating with said collection device (12) and said guide means (13) to enable pumping of said fuel in a bubble-free manner in zero gravity operating conditions;

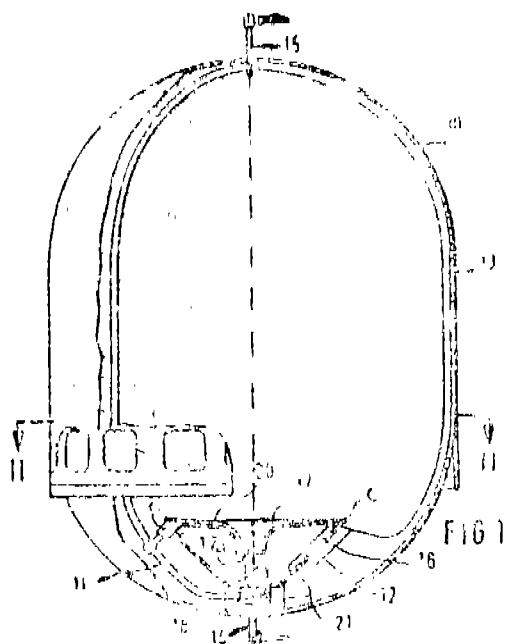
characterized in that :

said collecting device (12) comprises a container open at either end constituted by inner and outer conical walls (16, 17), said walls (16, 17), being connected to each other around the circumference (C) of their larger diameters, the smaller diameter ends of said walls (16, 17) terminating in respective openings (16a, 17a);

a collecting vessel (18) is provided within said tank body (10) adjacent one of said openings (16a, 17a), said collecting vessel (18) being secured to the connector (14) for removing fuel from said tank;

additional collecting vessel (19) are connected to the container comprising said collecting device (12) and constituted by said inner and outer conical walls (16, 17) said additional collecting vessels being connected to said container in the region of the larger diameters of said conical walls (16, 17) and

Pipe means (11) are provided to connect said collecting vessels (18) to said additional collecting vessels (19).



(Complete Specification 11 Pages Drawgs. 1 sheet).

Ind. Cl. : 129 Q, 177315

Int. Cl⁴ : B23K 9/32

: AN IMPROVED RECEPTACLE
HAVING A PLURALITY OF PIPE
BRANCH PIECES.

Applicant : BALCKE-DURR AKTIENGESELL-
SCHAFT, OF HOMBERGER STRASSE
2, D-4030 RATINGER 1, WEST
GERMANY.

Inventor : ALBERT BEIER, -PETER DENNER,
WOLFGANG HERRMANN,

Applicant for Patent No. 492/D1/90 filed on 21-05-90.

Appropriate office for filing opposition Proceedings
(Rule 4, 1972) Patent Office Branch, Karol Bagh,
New Delhi-110005.

(Claims 3)

An improved receptacle having a plurality of pipe branch pieces which comprises :

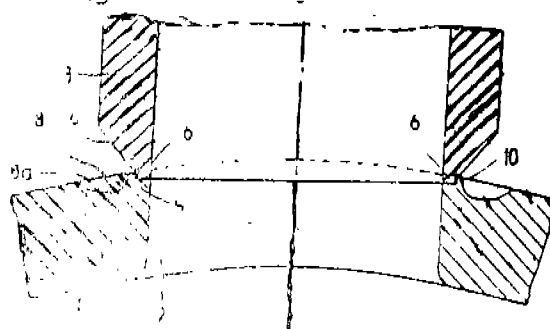
a receptacle wall (1) having welded thereon in the region of a bore (2) a plurality of Pipe branch Pieces (3)

the end of the said pipe branch piece (3) tapers conically inwards relative to the external diameter, said pipe branch piece having a cylindrical extension (6) an annular contact surface (5) Provided relative to the said cylindrical internal diameter and formed at right angles to the centre line of the said formed pipe branch piece (3) at the end of said cylindrical extension (6)

the internal diameter of the said annular contact surface (5) corresponding to the internal diameter of the pipe branch Piece (3)

the said Pipe branch (3) by means of said annular contact (5) contacting on the said receptacle wall (1) surrounding said bore (2) said contraposed surface (9) being in the form of an annular surface the diameter which corresponds to the diameter of the bore (2) characterised in that the width of the annular contact surface (5) of the pipe branch piece (3) is smaller than the admissible residual gap (12), the width of the contraposed surface (9) formed on the receptacle wall (1) is marginally larger than the width of the annular contact surface (5) and the peripheral face of said contraposed surface (9) facing away from the bore (2) is enclosed by a ring (10) manufactured integrally from the material of the receptacle wall (1) wherein the height of said ring (10) is marginally less than the axial length of the extension (6) formed on the Pipe branch Piece (3) and its thickness is so negligible that the ring (10) is completely melted by the externally applied arc of the particular welding process.

Fig.2.



(Complete Specification 10 pages Drawing Sheets 2).

Ind. Cl. : 129 G.
Int. Cl.⁴ : B21H 8/00.

APPARATUS FOR SCORING SHEET MATERIAL.

Applicant : SAMUEL JONES & CO. LIMITED,
of Butterfly House, St-Neots, Hunting-
don, Cambridgeshire PE19 4EE,
England.

Inventor : ROGER ANTHONY ALLEN,
JOHN MARINER.

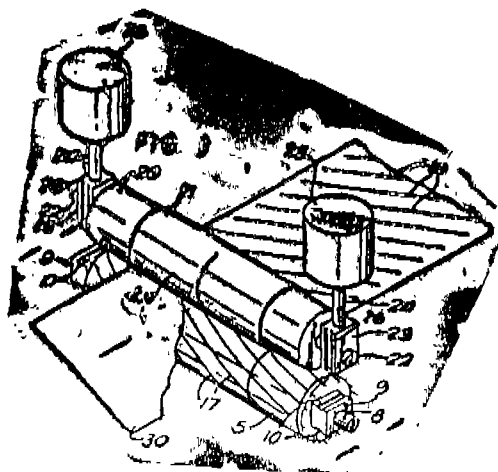
Application for patent No. 486/DEL/90 filed
on 18-05-90.

Convention date : (1) 8913564.4/13-06-89/GB.
(2) 8922361.4/04-10-89/GB.

Appropriate office for filing opposition Procee-
dings (Rule 4, 1972) Patent Office Branch, Karol
Bagh, New Delhi-110005.

(Claims 11)

Apparatus for scoring sheet material comprising
a rotatably mounted scoring roll, a co-operating
rotatably mounted anvil roll having a hard surface,
said rolls forming a nip through which scorable
material is passed for the formation of scored lines
thereon, characterised by a resilient surface layer on
said scoring roll, said resilient surface layer having
a Shore D hardness in the range 60° to 85°, and by
at least one linear scoring element extending over the
resilient surface layer on said scoring rolls said scor-
ing element being a tensioned wire.



(Complete Specification 18 pages Drawing Sheets 2).

Ind. Cl. : 205 E.
Int. Cl.⁴ : G06F 3/00, 13/00

DATA PROCESSING SYSTEM.

Applicant : INTERNATIONAL BUSINESS MA-
CHINES CORPORATION, a com-
pany organised and existing under the

laws of the State of New York, United
States of America, of Armonk, New
York 10504, United States of America.

Inventor : BOBBY JOHN FREEMAN, JOHN
MONROE DINWIDDIE, JR.,
LONNIE EDWARD GRICE, JOHN
MARIO LOFFREDO, KENNETH
RUSSELL SANDERSON, & GUS-
TAVO ARMANDOSUAREZ.

Application for patent No. 663/Del/90 filed on 29th
June, 1990.

Conventional data : U.K. Patent Application No.
8923887.7 dated 24th October 1989.

Appropriate office for opposition proceedings (Rule 4
Patents Rules, 1972) Patent Office Branch, New
Delhi-110005.

(Claims 4)

A data processing system of the type in which
system initialisation routines control the self testing
and initialisation of each of a first pair and a second
partner pair of processors coupled to associated
hardware, in which one pair of processors is kicked
off into lock step operation with the other pair upon
satisfactory self testing and initialisation, and in
which the pairs of processors thereafter perform
identical operations in lock step under control of a
first operating system and a first instruction archi-
tecture means, characterised by an additional first
pair of processors and an additional partner pair of
processors, each pair being adapted to perform iden-
tical operations under control of a second operating
system and a second instruction architecture means,
means effective during system initialisation for in-
hibiting the kick off of the first pair and second partner
pair of processors into lock step operation until the
additional pairs of processors are self tested and in-
itialised independently of the first operating system,
means associated with the first pair and second partner
pair of processors for initiating and controlling the
self testing and initialisation of the additional pairs
of processors independently of the first operating sys-
tem, and means for initialising the concurrent kick
off of the first and second partner pairs of processors
and the kick off of said additional first and partner
pairs of processors in lock step operation upon
completion of all self testing and initialising indepen-
dently of the first operating system.

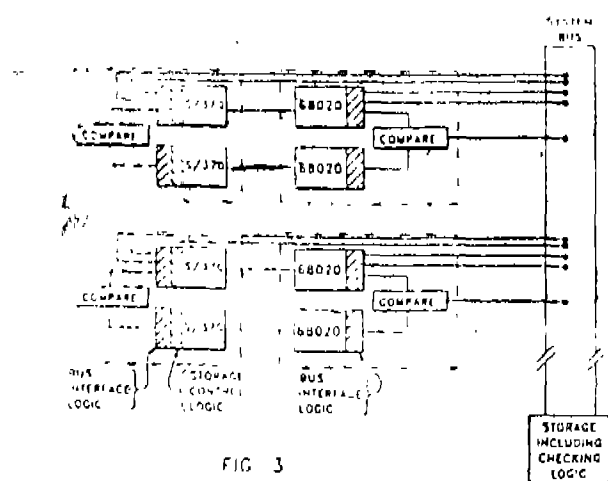


FIG. 3

Complete Specification 255 Pages Drawing 84 sheets)

Ind. Cl. : 63F [(LVII (I)].

Int. Cl. : H 02 K 23/00.

Title : A D.C. FLAT MOTOR.

Applicant : SANDEN CORPORATION, A JAPANESE COMPANY, OF 20 KOTOBUKICHO, ISESAKISHI, GUNMA, 372J APAN.

Inventor : TSHIGAWARA TOSHIYUKI.

Application No. 871 DEL 88 filed on 13th Oct., 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 15

A D.C. flat motor comprising :

a motor housing (21, 22) having first engaging means, (35) said first engaging (35) means having projections (35) extending from the inner surface of said motor housing, (21, 22) said projections (35) disposed at predetermined positions on the inner surface of said housing (21, 22);

a ring-like shaped magnet (25) fixed to said motor housing; (21, 22);

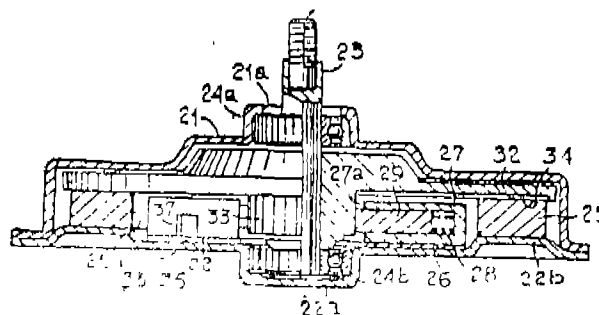
a holder plate (26) attached to said motor housing (21, 22) and

provided with a pair of brush holders, (27) and a brush (29) held in each brush holder, (27) said holder plate (26) is provided with second engaging means (36) having holes (36) on said holder plate, (26) said

holes constituted at predetermined positions corresponding to the predetermined positions of said projections (35), said holder plate (26) located coaxially with said motor housing by (21, 22) by engagement of said holes (36) of said second engaging means (36) with said projections of said first engaging means (35);

third engaging means (47) for positioning said magnet (25) coaxially with said holder plate (26) by engagement of said third engaging means (47) with an inside surface (44a) of said magnet; (25) and

an armature (32) having a commutator (33) inserted between the pair of brushes held in said pair of brush holders (27).



(Complete Specification 24 Pages Drg 8 sheets.)

Ind. Cl. : 32 (F 2b).

Int. Cl. : CO 7D, 231/54.

Title : AN IMPROVED FOR THE PREPARATION OF 5-METHOXY-2 (3, 5-DIMETHYL-2-PYRIDINYL) METHYL (SULFINYL) -1-H BENZIMIDAZOLE (OMEPRazole).

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

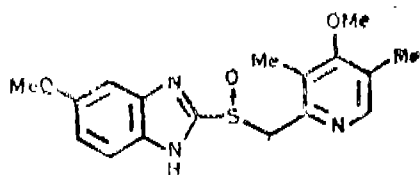
Inventors : ALLAVENKATA RAMA RAO, MADHUSUDAN NAGORAO DESHMUKH, PULLELA VENKATA SRINIVAS.

Application for Patent No. 1277/DEL/90 filed on 18 Dec. 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

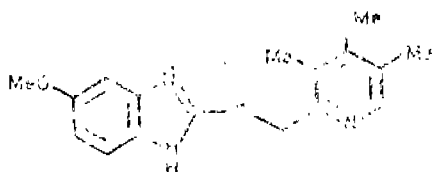
30 Claims

An improved process for the preparation of 5-methoxy-2-(3, 5-dimethyl-4-methoxy-2-pyridinyl)methyl sulfinyl)-1H-benzimidazole (omarprazole) of the formula I shown in the drawing accompanying this specification



1

which comprises oxidising the sulfide of the formula 2.



2

employing oxidising agents selected from m-chloroperbenzoic acid, monoperoxy phthalic acid—Mgsalts, sodium metaperiodate at -10°C to -12°C , the oxidation being effected in solvents selected from ethyl acetate, water and acetone.

(Complete Specification—5 pages & Drawing sheets—1)

Ind. Cl. : 62 (C).

Int. Cl.4 : D 21 C, 9/10.

Title : A PRECESS FOR BIOBLEACHING OF EUCALYPTUS KRAFT PULPS.

Applicant : Deptt. of Microbiology, Punjab University, Chandigarh-160014 and (Paper Division, Ballarpur Industries Ltd, Shree Gopal Unit, Yamuna Nagar) of Thapar Corporate Research & Development Centre, Patiala.

Inventors : JUGAL KISHORE GUPTA, VIBHA MEHTA & MUNISHWAR BALI JAUHAR.

Application for Patent No. 1342/DEL/90 filed on 28th Dec., 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch New Delhi-110005.

9 Claims

An improved process for biobleaching of eucalyptus kraft pulps which comprises treating the pulp for 35 to 75 hours with a white rot fungus *Phanerochaete chrysosporium* in the concentration from 5 to 25% (W/W) in the presence of a nutrient medium having pH from 3.5 to 6.0 at a temperature of 25-45 $^{\circ}\text{C}$.

(Complete Specification—10 Pages & Drawing sheets—Nil).

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of patent No. 167142 dated the 24th March, 1986 made by General Motors Corporation on the 19th Dec., 1995 and notified in the Gazette of India Part I, Section 2, dated the 6th April, 1996 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 160350 dated the 6th April, 1987 made by Borrenberg Edlstahl GmbH, on the 16th Feb., 1996 and notified in the Gazette of India part III, Section 2, dated the 11th June, 1996 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 170340 dated the 27th Oct., 1987 made by SMS Schloemann-Siemag Aktiengesellschaft on the 27th Oct., 1995 and notified in the Gazette of India part III, Section 2, dated the 25th, Feb., 1996 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 170519 dated the 30th Dec., 1987 made by Hoechst Aktiengesellschaft & Uhde GmbH on the 20th Oct., 1995 and notified in the Gazette of India part III, Section 2, dated the 27th January, 1996 has been allowed and the said patent restored.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that SCHUBERT & SALZER MASCHINENFABRIK AG, Postfach 260, 8070 Ingolstadt, FEDERAL REPUBLIC OF GERMANY have made an application under section 57 of the patents Act, 1970, for amendment of application and application of their application for patent No. 495/MAS/90 for "A METHOD AND DEVICE FOR MANUFACTURING SPUN YARN IN AN EN OPEN END SPINNING MACHINE". The amendments are by way of correction. The

application for amendment and the Proposed amendments can be inspected free of charge at the patent Office Branch, 61, Wallajah Road, Madras-600002, or copies of the same can be had on Payment of the usual copying charges. Any Person interested in opposing the application for amendment may file a notice of opposition on Prescribed Form-30 within 3 months from the date of Notification at the patent Office Branch, Madras-2. If the written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

PATENT SEALED ON 29-11-1996

176381* 176466* 176473* 176474* 176477 176478*D
176479* 176480* 176481* 176482 176483 176484
176485 176486* 176487 176489* 176490

CAL—09, DEL --97, BOM —01, MAS—NIL,

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug patents, F—Food patents.

RENEWAL FEES PAID

159091	159092	159352	159357	160109	160111
160484	161632	161817	161898	162520	162543
162545	162883	163095	163111	163224	163479
163654	163550	163550	163797	163263	164017
164048	164140	164194	164239	164381	164409
164463	164690	164712	164788	164799	164824
164987	165100	165176	165194	165422	165423
165796	165798	165386	165387	165388	165551
166629	166742	166927	167172	167174	167251
167259	167274	167276	167312	167317	167318
167331	167341	167377	167387	167431	167696
167698	167865	167923	167927	168117	168251
168226	163352	163447	168575	168838	163939
168952	163971	163927	163913	169349	169350
169394	169395	169408	169472	169555	169563
169622	163660	169771	169796	169999	170011
170042	170061	170148	170233	170309	170361
170376	170377	170539	170577	170842	170861
170988	171051	171145	171163	171203	171268
171269	171331	171335	171379	171382	171389
171560	171582	171583	171584	171656	171699
171917	172160	172186	172206	172265	172359
172360	172397	172518	172703	172364	172865
172855	173023	173043	173052	173079	173073
173125	173156	173282	173315	173534	173536
173579	173725	173772	173854	173912	174053
174291	174335	174417	174449	174951	175044
175099	175282	175290	175414	175585	175624
175648	175649	175652	175765	175962	176053
176054	176057	176060			

CESSATION OF PATENTS

167982	168002	168005	168012	168023	168040
168102	168126	168131	168174	168207	168227
168258	168262	168274	168279	168280	168296
168306	168338	168339	168383	168429	168430
168485	168486	168505	168515	168525	168542
168557	168580				

Registration of Designs

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 13. Nos, 171033 to 171039, Mira Singh Akoi, an Indian national of 2 Kasturba Gandhi Marg, New Delhi-110001 India, "FURNISHING". 11th April, 1996.

Class 13. No, 169661, Mira Singh Akoi, 2 Kasturba Gandhi Marg, New Delhi-110001. India, an Indian national of the above address, "TABLE CLOTH". 9th August, 1995.

Class 13. Nos, 170265 & 170266, Mira Singh Akoi, an Indian national of 2 Kasturba Gandhi Marg, New Delhi 110001, India, "FURNISHING". 22nd November 1995.

Class 13. Nos, 170359 & 170360, Golden Strand Pvt. Ltd., B 40, Sector, 9, Noida, 210301, Uttar Pradesh, Indian, an Indian Company registered under the provisions of Indian Companies Act, 1961, of the above address, "TEXTILE FABRIC", 8th December 1995.

Class 13. No, 170032, Mohan Exports (India) Ltd., Mohan House, Zamrudpur Community Centre, Kailash Colony Extension, New Delhi-110048, India an Indian Company, "FABRIC", 13th October 1995.

Class 13. Nos, 170786 & 170787, Tarun Devraj, A-1, Bani park, Near Motimahal Chauri Jaipur 302016, Indian, Indian, "T-SHIRT", 23 February 1996,

Class 13. No. 168145, Ravissant, a division of Vishal (P) Ltd., an Indian company, 24 Nehru Place, New Delhi 110019, India, "PRINTED CLOTH". 26th September 1994.

Class 13. Nos. 169662 to 169665, Mira Singh Akoi, 2 Kasturba Gandhi Marg, New Delhi-110001, India, AN Indian national, of the above address, "TABLE CLOTH", 9th August 1995.

Class 13. Nos. 170165 & 170166, Mira Singh Akoi,
2, Kasturba Gandhi Marg, New Delhi-
110001, India. "TABLE LINEN", 14th
November 1995.

Class 13. Nos. 170674 to 170682, Taurus Merchandising Private Limited, an Indian Company of E 15 South Extension Part II, New Delhi 110049, India, "QUILT/BEDSPREAD", 6th February 1996.

Class 13. No. 170267, Mira Singh Akoi, of 2 Kasturba Gandhi Marg, New Delhi 110001, India, "FURNISHING". 22nd November 1995.

T. R. SUBRAMANIAN

Controller General of Patents, Designs &
Trade Marks